

## CLAIMS

1. An electron multiplier comprising: a dynode unit, having a plurality of dynodes positioned in a mutually-insulated, layered state in multiple stages and disposed in a vacuum container;

5 a plurality of insulating plates, insulating the respective dynodes from each other; and

columns, erected on a stem plate, making up the vacuum container, so as to fit or engage with the respective dynodes and the respective insulating plates,

10 wherein the respective dynodes and the respective insulating plates are overlapped alternately in the state of being fitted or engaged with the columns and the respective dynodes and the respective insulating spacers are supported integrally on the columns by means of arresting members being fixed to the tip portions of the columns.